

Title: TRANSGENIC NON-HUMAN
MAMMALS PRODUCING
FIBRINOGEN IN THEIR MILK
Inventor(s): William H. VELANDER et
al.
Appl. No.: 08/443184

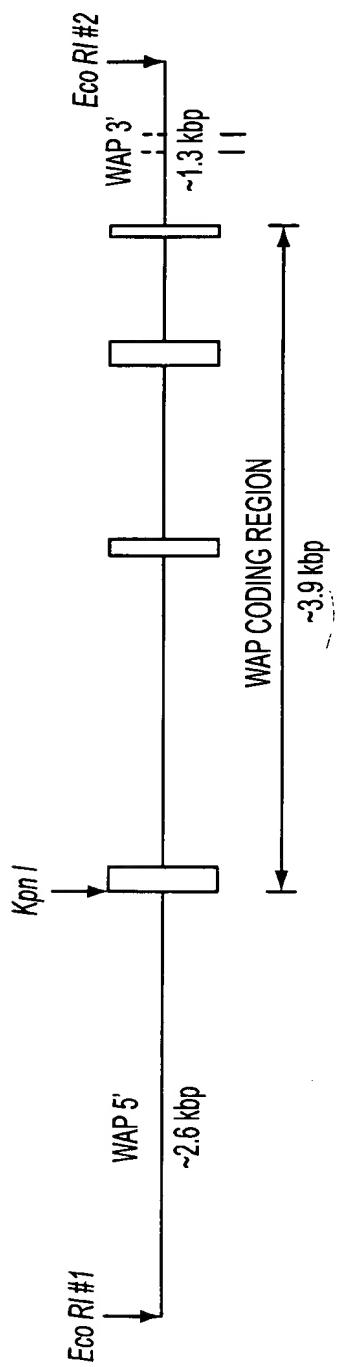


FIG. 1

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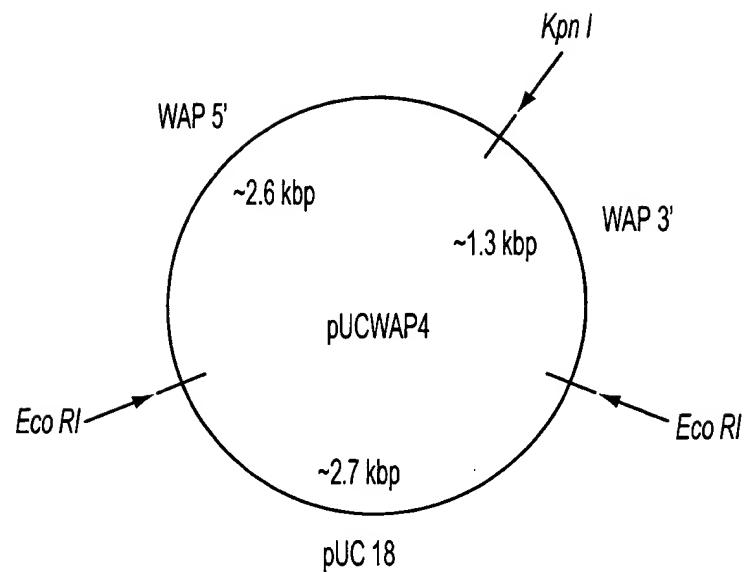


FIG. 2

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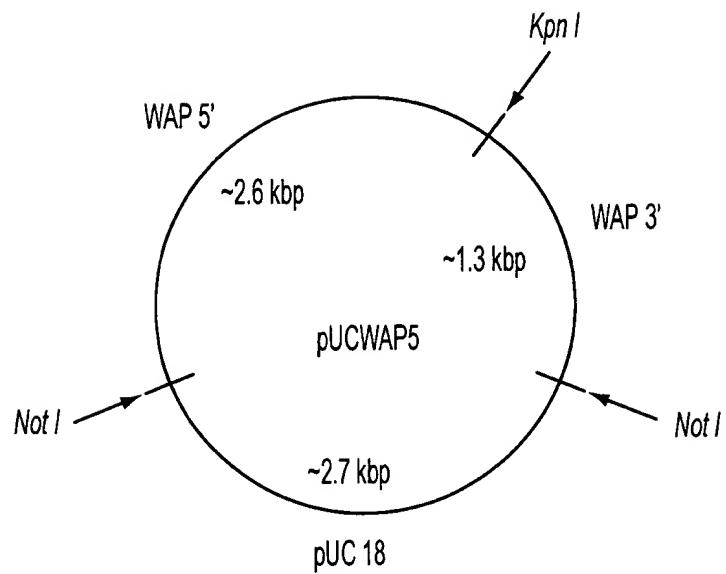


FIG. 3

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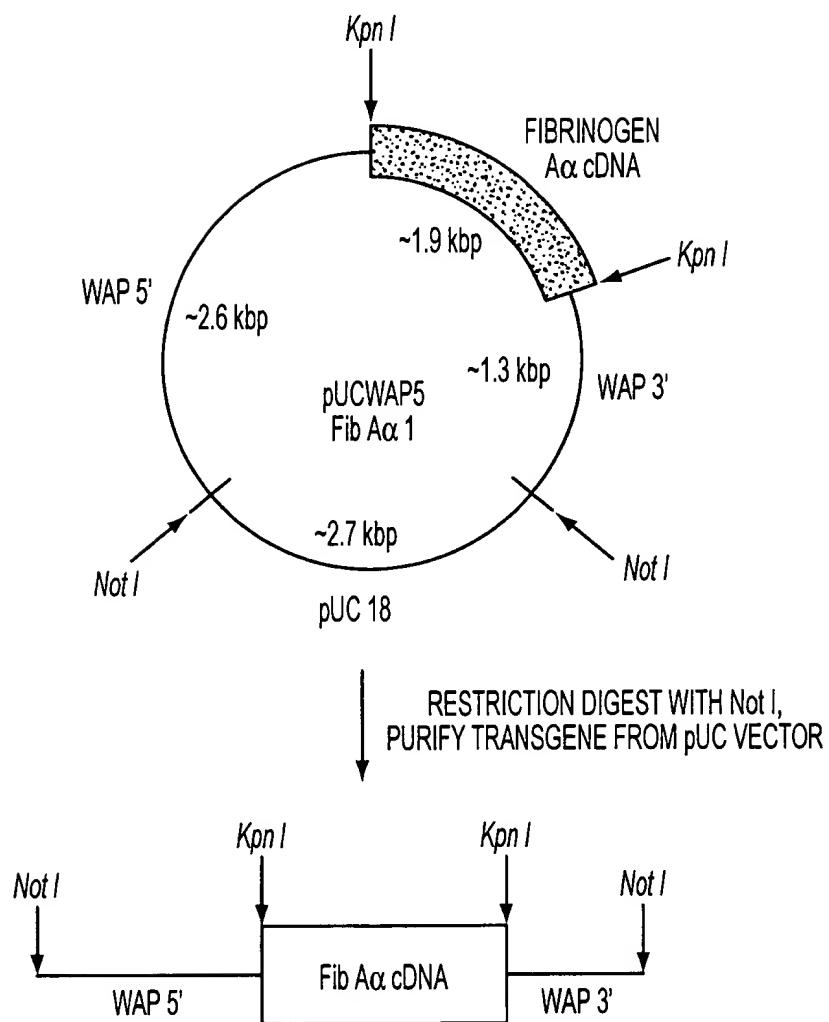


FIG. 4

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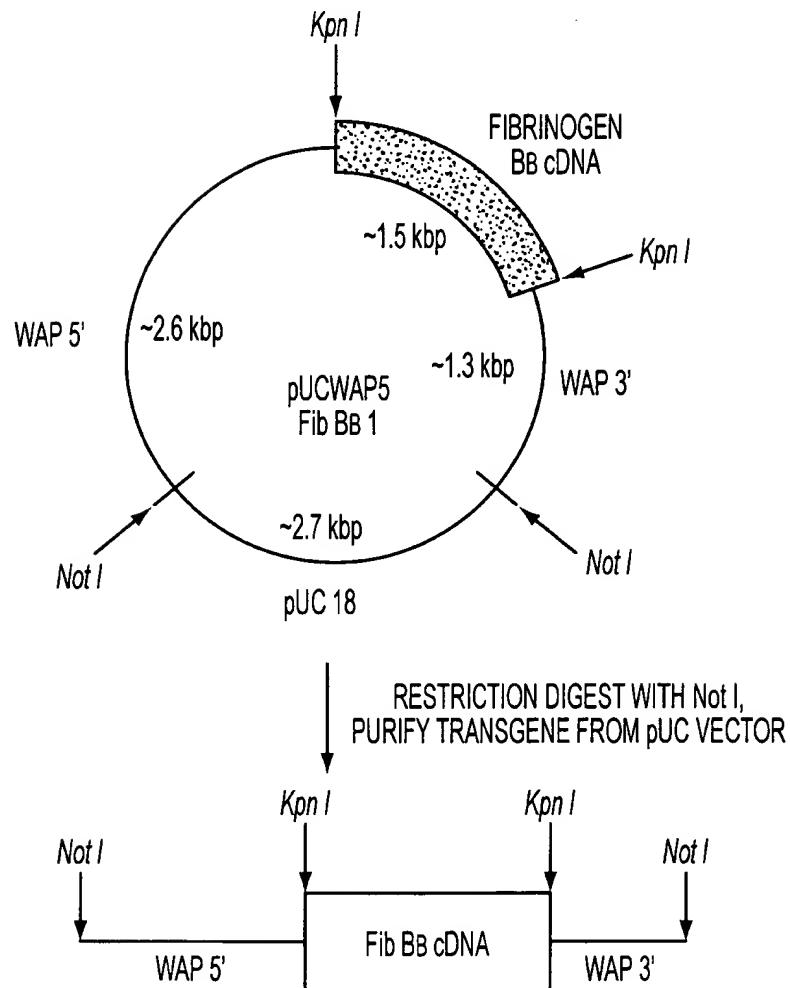


FIG. 5

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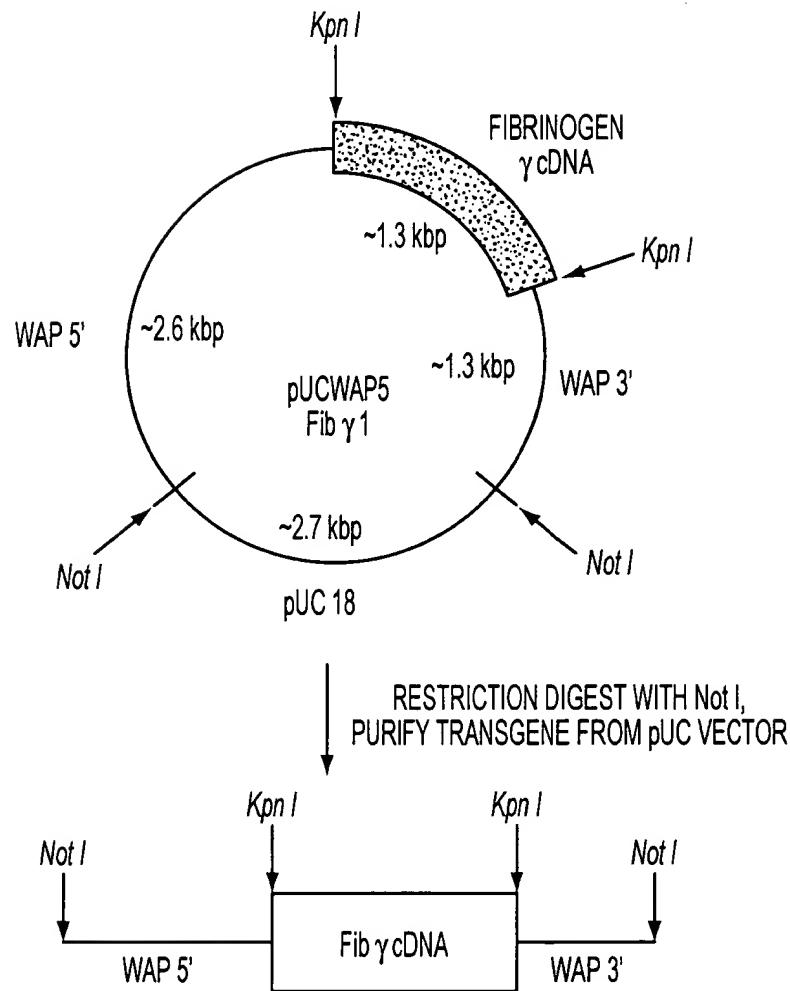


FIG. 6



FIBRINOGEN FAMILY TREE

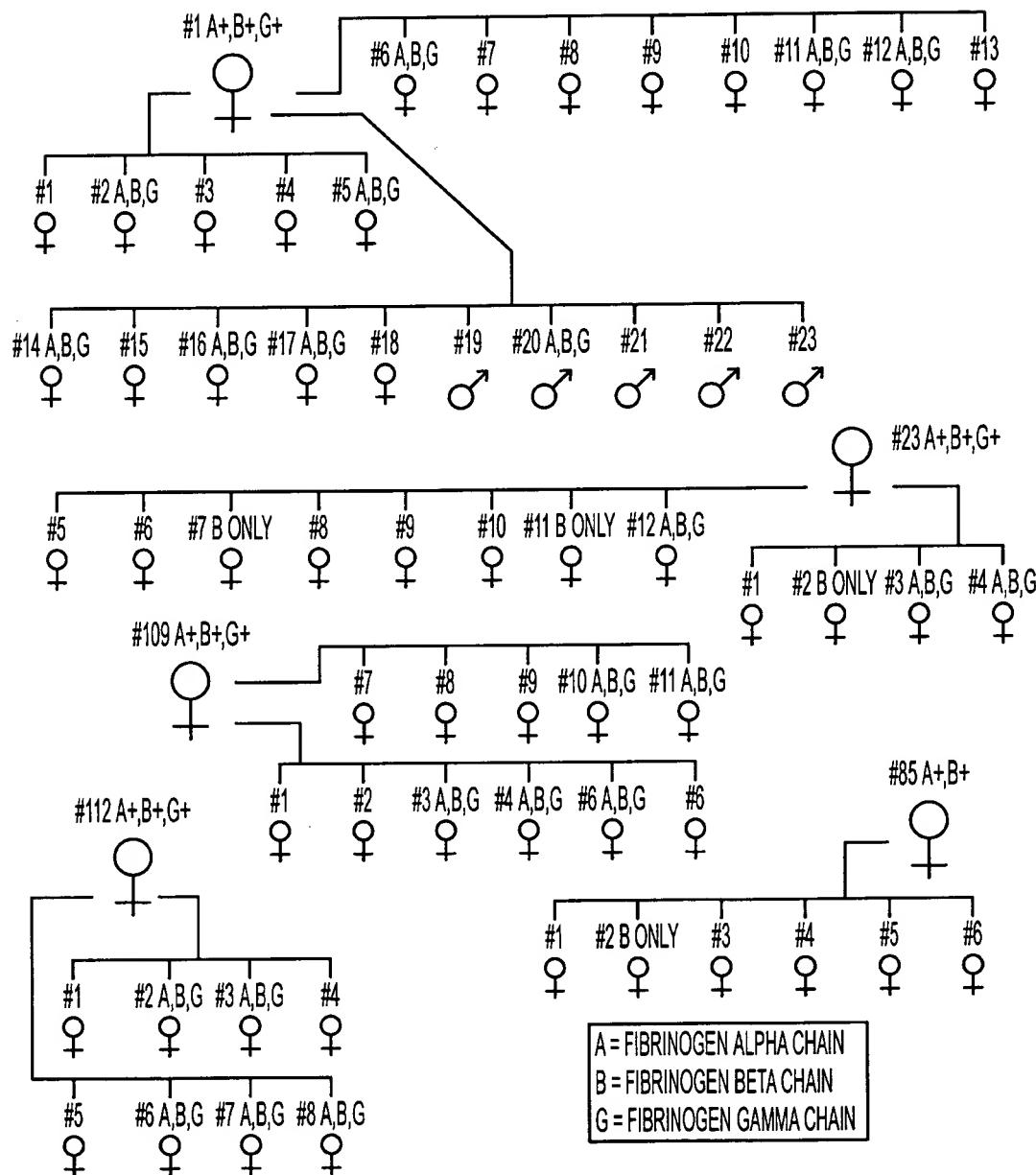


FIG. 7

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PURIFICATION SCHEME

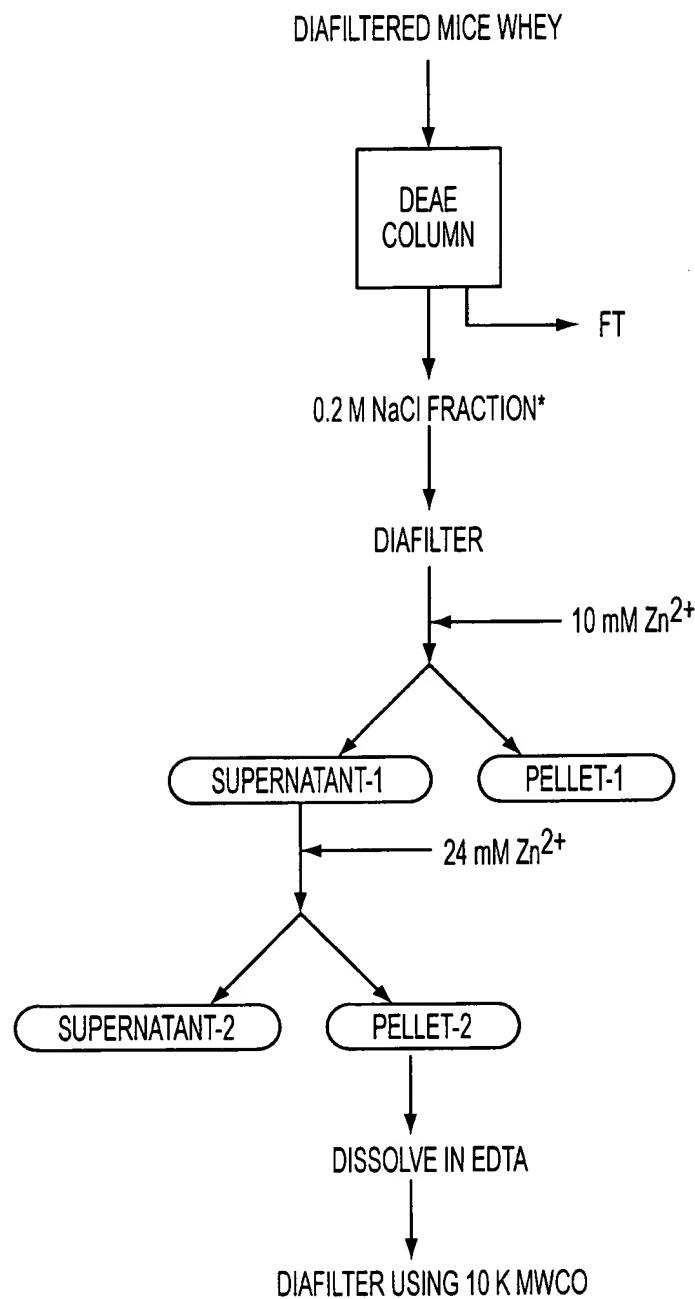


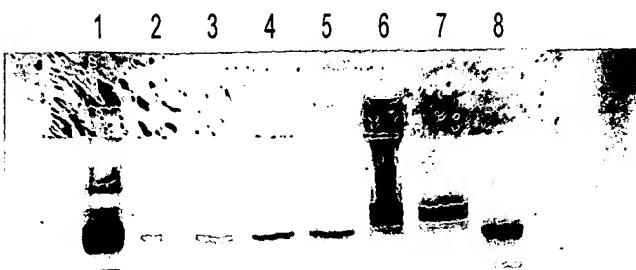
FIG. 8

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WESTERN BLOT (UNDER NON-REDUCING CONDITIONS)



LANE	SAMPLE
1.	hfib, 100 ngs
2.	TG 1-11-4 (pellet-2), 15 ngs
3.	TG 1-11-4 (pellet-2), 15 ngs
4.	TG 1-6-9 (pellet-2), 30 ngs
5.	TG 1-6-9 (pellet-2), 30 ngs
6.	DIAFILTERED MOUSE PLASMA, 1-2 μ gs
7.	NTG (pellet-2), 600 ngs
8.	hfib, 10 ngs

FIG. 9

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WESTERN BLOT (SDS-PAGE UNDER REDUCING CONDITIONS)



LANE	SAMPLE
1.	HUMAN FIBRINOGEN (100 ngs)
2.	hFib (50 ngs)
3.	hFib (10 ngs)
4.	MOUSE PLASMA DERIVATIVE (200 ngs)
5.	TG WHEY (pellet-2) 60 ngs
6.	TG WHEY (pellet-2) 30 ngs
7.	TG WHEY (pellet-2) 15 ngs
8.	TG WHEY (pellet-2) 8 ngs

FIG. 10

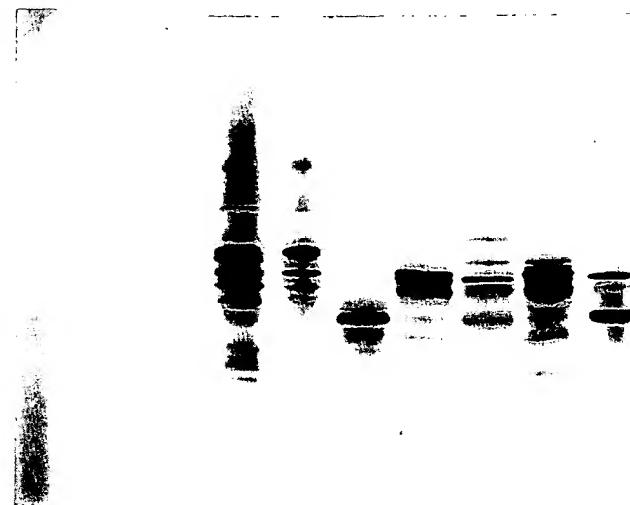
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ANALYSIS OF PRODUCTS UNDER REDUCING CONDITIONS
THROMBIN ASSISTED CLOT FORMATION

1 2 3 4 5 6 7



LANE	SAMPLE
1.	hFib (50 ngs)-BEFORE THROMBIN
2.	hFib (10 ngs)-BEFORE THROMBIN
3.	hFib (10 ngs)-RESUSPENDED CLOT
4.	TG WHEY (pellet-2) 30 ngs-BEFORE THROMBIN
5.	TG WHEY (pellet-2)-RESUSPENDED CLOT
6.	MOUSE PLASMA DERIVATIVE 1000 ngs-BEFORE THROMBIN
7.	MOUSE PLASMA DERIVATIVE 1000 ngs-RESUSPENDED

FIG. 11